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<u>L28</u>	l24 and l27	0	<u>L28</u>
<u>L27</u>	dielectric adj barrier\$1	3	<u>L27</u>
<u>L26</u>	l25 and dielectric\$1	2	<u>L26</u>
<u>L25</u>	l23 and l24	4	<u>L25</u>
<u>L24</u>	waveguide\$1 or (wave adj guide\$1)	280	<u>L24</u>
<u>L23</u>	l21 and l22	64	<u>L23</u>
<u>L22</u>	level\$1 or tank\$1 or bin\$1 or vat\$1	16520	<u>L22</u>
<u>L21</u>	radar\$1 or microwave\$1 or (micro adj wave\$1)	284	<u>L21</u>

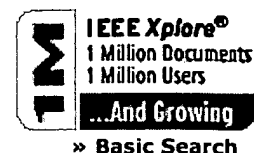
DB=USOC; PLUR=YES; OP=OR

<u>L20</u>	l18 and l19	5	<u>L20</u>
<u>L19</u>	dielectric adj barrier\$1	188	<u>L19</u>
<u>L18</u>	l17 and dielectric\$1	880	<u>L18</u>
<u>L17</u>	l15 and l16	2119	<u>L17</u>
<u>L16</u>	waveguide\$1 or (wave adj guide\$1)	8365	<u>L16</u>
<u>L15</u>	l13 and l14	8206	<u>L15</u>
<u>L14</u>	level\$1 or tank\$1 or bin\$1 or vat\$1	634715	<u>L14</u>
<u>L13</u>	(radar\$1 or microwave\$1) or (micro adj wave\$1)	17757	<u>L13</u>

DB=PGPB,USPT,EPAB,JPAB,DWPI; PLUR=YES; OP=OR

<u>L12</u>	19 and dielectric\$1.ti,ab.	162	<u>L12</u>
<u>L11</u>	19 and 17	6	<u>L11</u>
<u>L10</u>	19 and dielectric\$1	209	<u>L10</u>
<u>L9</u>	(waveguide\$1 or (wave adj guide\$1)).ti,ab. and 13	787	<u>L9</u>
<u>L8</u>	16 and 17	6	<u>L8</u>
<u>L7</u>	dielectric adj barrier\$1	2724	<u>L7</u>
<u>L6</u>	15 and dielectric\$1	388	<u>L6</u>
<u>L5</u>	13 and 14	1164	<u>L5</u>
<u>L4</u>	waveguide\$1 or (wave adj guide\$1)	133992	<u>L4</u>
<u>L3</u>	11 and 12	10156	<u>L3</u>
<u>L2</u>	(level\$1 or tank\$1 or bin\$1 or vat\$1).ti,ab.	1603866	<u>L2</u>
<u>L1</u>	(radar\$1 or microwave\$1).ti,ab. or (micro adj wave\$1).ti,ab.	148421	<u>L1</u>

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And

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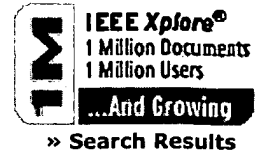
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1 A versatile, multibeam antenna for airborne radar applications

Lewis, R.A.;

Antennas and Propagation, Tenth International Conference on (Conf. Publ. No. 436) , Volume: 1 , 14-17 April 1997

Pages:233 - 236 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(712 KB\)\]](#) **IEEE CNF**

2 Investigation of MMIC flip chips with sealants for improved reliability without hermeticity

Sturdivant, R.; Quan, C.; Wooldridge, J.;

Microwave Symposium Digest, 1996., IEEE MTT-S International , Volume: 1 , 17-21 June 1996

Pages:239 - 242 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(416 KB\)\]](#) **IEEE CNF**

3 Reconstruction of evaporation duct profile from spatial structure of the radar backscatter from the sea surface

Volkov, A.V.; Latyshev, K.V.; Koshel, K.V.; Slavutsky, L.A.; Shevtsov, B.M.; Shiskarev, A.A.;

Antennas and Propagation Society International Symposium, 1991. AP-S. Digest , 24-28 June 1991

Pages:1024 - 1027 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(172 KB\)\]](#) **IEEE CNF**

4 Microstrip patches fed by a coplanar waveguide

Mazzarella, G.; Montisci, G.;

Antennas and Propagation, Tenth International Conference on (Conf. Publ. No. 436) , Volume: 1 , 14-17 April 1997

Pages:310 - 313 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(184 KB\)\]](#) **IEEE CNF**

5 Design of a wideband miniature dielectric-filled waveguide antenna for collision-avoidance radar

Hajian, M.; Tran, D.P.; Ligthart, L.P.;

Antennas and Propagation Magazine, IEEE , Volume: 42 , Issue: 1 , Feb. 2000

Pages:34 - 40

[\[Abstract\]](#) [\[PDF Full-Text \(204 KB\)\]](#) IEEE JNL

6 Single- and dual-polarized millimeter-wave slot-ring antennas

Raman, S.; Rebeiz, G.M.;

Antennas and Propagation, IEEE Transactions on , Volume: 44 , Issue: 11 , Nov. 1996

Pages:1438 - 1444

[\[Abstract\]](#) [\[PDF Full-Text \(904 KB\)\]](#) IEEE JNL

7 A 20-dB quasi-integrated horn antenna

Eleftheriades, G.V.; Ali-Ahmad, W.Y.; Rebeiz, G.M.;

Microwave and Guided Wave Letters, IEEE [see also IEEE Microwave and Wireless Components Letters] , Volume: 2 , Issue: 2 , Feb. 1992

Pages:73 - 75

[\[Abstract\]](#) [\[PDF Full-Text \(168 KB\)\]](#) IEEE JNL

8 Calculations of surface clutter interference with precipitation measurement from space by 35.5 GHz radar for Global Precipitation Measurement Mission

Tagawa, T.; Okamoto, K.;

Geoscience and Remote Sensing Symposium, 2003. IGARSS '03. Proceedings. 2003 IEEE International , Volume: 5 , 21-25 July 2003

Pages:3172 - 3174 vol.5

[\[Abstract\]](#) [\[PDF Full-Text \(1658 KB\)\]](#) IEEE CNF

9 Coupled tapered slot-line antenna with sum/difference beams

Kai Kang; Min Yin; Wen Xun Zhang;

Microwave Conference, 2000 Asia-Pacific , 3-6 Dec. 2000

Pages:1335 - 1338

[\[Abstract\]](#) [\[PDF Full-Text \(332 KB\)\]](#) IEEE CNF

10 Low sidelobe single-layer slotted waveguide arrays at 76 GHz band

Kimura, Y.; Hirokawa, J.; Ando, M.;

Antennas and Propagation Society International Symposium, 2000. IEEE , Volume: 1 , 16-21 July 2000

Pages:86 - 89 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(148 KB\)\]](#) IEEE CNF

11 Design of ultralow sidelobe antenna arrays with inclined slots in the narrow wall of rectangular waveguide

Zhang Yu-mei; Zhang Zu-ji; Lu Xiao-peng;

Radar Conference, 2003. Proceedings of the International , 3-5 Sept. 2003

Pages:437 - 441

[\[Abstract\]](#) [\[PDF Full-Text \(362 KB\)\]](#) IEEE CNF

12 Investigation of optimised YIG-Al substituted garnets in high-power below-resonance circulators

Freder, R.; Glogier, W.; Mroz, T.;

Microwaves, Radar and Wireless Communications, 2002. MIKON-2002. 14th International Conference on , Volume: 2 , 20-22 May 2002

Pages:447 - 450 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(368 KB\)\]](#) [IEEE CNF](#)

13 Parametric analysis of the pyramidal horn partially filled

Vital, D.S.; Descardec, J.R.;

Microwaves, Radar and Wireless Communications, 2002. MIKON-2002. 14th International Conference on , Volume: 3 , 20-22 May 2002

Pages:930 - 933 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(327 KB\)\]](#) [IEEE CNF](#)

14 A set-up to determine energy absorption during microwave heating

Adamski, W.; Kitlinski, M.; Rydzkowski, W.;

Microwaves and Radar, 1998. MIKON '98., 12th International Conference on , Volume: 2 , 20-22 May 1998

Pages:633 - 637 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(172 KB\)\]](#) [IEEE CNF](#)

15 A multi-mode W-band radar/radiometer for experimental studies

Nadimi, S.; Bredow, J.;

Radar Conference, 1998. RADARCON 98. Proceedings of the 1998 IEEE , 11-14 May 1998

Pages:74 - 79

[\[Abstract\]](#) [\[PDF Full-Text \(340 KB\)\]](#) [IEEE CNF](#)

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1 Microwave techniques to determine the average conductivity of tank pad rubber

Lee, M.W.; Robertson, R.C.;

Southeastcon '88., IEEE Conference Proceedings , 11-13 April 1988

Pages:650 - 654

[\[Abstract\]](#) [\[PDF Full-Text \(332 KB\)\]](#) **IEEE CNF**

2 Stepped Transformers for Partially-Filled Transmission Lines (Comments)

Sullivan, D.J.; Leibowitz, M.R.; Parkes, D.A.;

Microwave Theory and Techniques, IEEE Transactions on , Volume: 9 , Issue: 4 , Jul 1961

Pages:366 - 367

[\[Abstract\]](#) [\[PDF Full-Text \(192 KB\)\]](#) **IEEE JNL**

3 Experimental Investigation of a Retro-Focusing Microwave Hyperthermia Applicator: Conjugate-Field Matching Scheme

Loane, J.; Ling, H.; Wang, B.F.; Lee, S.W.;

Microwave Theory and Techniques, IEEE Transactions on , Volume: 34 , Issue: 5 , May 1986

Pages:490 - 494

[\[Abstract\]](#) [\[PDF Full-Text \(560 KB\)\]](#) **IEEE JNL**

4 Microwave sensors for technological processes with sedimentable substances

Sovlukov, A.S.; Toropainen, A.P.; Vainikainen, P.V.;

Instrumentation and Measurement Technology Conference, 2000. IMTC 2000. Proceedings of the 17th IEEE , Volume: 2 , 1-4 May 2000

Pages:770 - 773 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(252 KB\)\]](#) **IEEE CNF**

5 Integrated passive components in MCM-Si technology and their applications in RF-systems*Hartung, J.;*

Multichip Modules and High Density Packaging, 1998. Proceedings. 1998 7th International Conference on , 15-17 April 1998

Pages:256 - 261

[\[Abstract\]](#) [\[PDF Full-Text \(792 KB\)\]](#) IEEE CNF

6 MTX/ELF II microwave power measurements and calibration for the 2 GW, 140 GHz, ELF II free-electron laser*Ferguson, S.W.; Stever, R.; Throop, A.; Felker, B.; Franklin, R.;*

Fusion Engineering, 1989. Proceedings., IEEE Thirteenth Symposium on , 2-6 Oct. 1989

Pages:145 - 148 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(436 KB\)\]](#) IEEE CNF

7 A Transition to Non-Radiating Dielectric Waveguide*Malherbe, J.A.G.; Cloete, J.H.; Losch, I.E.;*

Microwave Symposium Digest, MTT-S International , Volume: 84 , Issue: 1 , May 1984

Pages:505 - 507

[\[Abstract\]](#) [\[PDF Full-Text \(256 KB\)\]](#) IEEE CNF

8 Microwave transport system for the MTX*Felker, B.; Ferguson, S.W.;*

Fusion Engineering, 1989. Proceedings., IEEE Thirteenth Symposium on , 2-6 Oct. 1989

Pages:1092 - 1095 vol.2

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1 Analysis of double groove guide coupling structures using domain bases EW-BIEM

Jianglei Ma; Bin Li; Hongsheng Yang;

Microwave and Guided Wave Letters, IEEE [see also IEEE Microwave and Wireless Components Letters], Volume: 5, Issue: 11, Nov. 1995
 Pages:396 - 398

[\[Abstract\]](#) [\[PDF Full-Text \(204 KB\)\]](#) IEEE JNL

2 Rigorous full-wave analysis of microstrip transmission structures

Bin Song; Junmei Fu;

Microwave and Guided Wave Letters, IEEE [see also IEEE Microwave and Wireless Components Letters], Volume: 2, Issue: 6, June 1992
 Pages:233 - 235

[\[Abstract\]](#) [\[PDF Full-Text \(164 KB\)\]](#) IEEE JNL

3 Analysis of smooth transition section in microwave regeneration system of diesel filter

Chen Li; Cheng Bin Li; Guo Yuan Zhang;

Microwave and Millimeter Wave Technology, 2000, 2nd International Conference on. ICMMT 2000, 14-16 Sept. 2000
 Pages:469 - 472

[\[Abstract\]](#) [\[PDF Full-Text \(220 KB\)\]](#) IEEE CNF

4 Research of slow-wave circuit CAD of gain and phase matched operation helical TWTs

Bin Li; Zhong hai Yang;

Microwave and Millimeter Wave Technology, 2002. Proceedings. ICMMT 2002. 2002 3rd International Conference on, 17-19 Aug. 2002
 Pages:186 - 189

[\[Abstract\]](#) [\[PDF Full-Text \(293 KB\)\]](#) IEEE CNF

5 Multi-layer semi-lumped filters on MCM-D*Bin Zou; Fujiang Lin;*

Microwave Conference, 1999 Asia Pacific , Volume: 2 , 30 Nov.-3 Dec. 1999

Pages:311 - 314 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(128 KB\)\]](#) IEEE CNF

6 A novel wide band absorbing boundary condition for FDTD method simulations*Ao Sheng Rong; Zhong Liang Sun; Tripathi, V.K.; Hua Xin Wang; Wen Bin Dou;*

Microwave Symposium Digest, 1995., IEEE MTT-S International , 16-20 May 1995

Pages:645 - 648 vol.2

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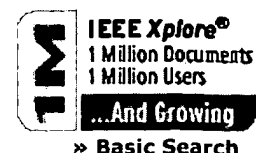
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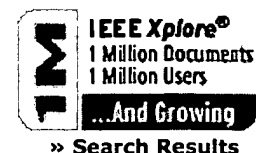
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Pages:939 - 943 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(268 KB\)\]](#) **IEEE CNF**

2 Elimination of fine tuning in high power, low-PIM duplexers for combined transmit/receive antennas

Connor, G.G.;

Microwave Filters and Multiplexers, IEE Colloquium on , 19 Nov 1990

Pages:4/1 - 4/6

[\[Abstract\]](#) [\[PDF Full-Text \(228 KB\)\]](#) **IEE CNF**

3 Analysis and correction of echo due to mode conversion in WC-281 waveguide

Walker, R.;

Microwave Theory and Techniques, IEEE Transactions on , Volume: 43 , Issue:

3 , March 1995

Pages:592 - 600

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4 A latching ferrite rotary-field phase shifter

Boyd, C.R., Jr.;

Microwave Symposium Digest, 1995., IEEE MTT-S International , 16-20 May 1995

Pages:103 - 106 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(465 KB\)\]](#) **IEEE CNF**

5 Wafer-level packaging technology for high-Q on-chip inductors and transmission lines

Carchon, G.J.; Walter De Raedt; Beyne, E.;
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Pages:1244 - 1251

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6 Direct-coupled filter utilizing ridge-loaded cavities

Lenive, V.; Ness, J.;
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Pages:1251 - 1254 Vol.3

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7 Measurement of Harmonic Power Generated by Microwave Transmitters

Price, V.G.;
Microwave Theory and Techniques, IEEE Transactions on , Volume: 7 , Issue:
1 , Jan 1959
Pages:116 - 120

[\[Abstract\]](#) [\[PDF Full-Text \(704 KB\)\]](#) [IEEE JNL](#)

8 K/Ka-band coplanar waveguide directional couplers using a three-metal-level MMIC process

Gokdemir, T.; Robertson, I.D.; Wang, Q.H.; Rezazadeh, A.A.;
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Components Letters] , Volume: 6 , Issue: 2 , Feb. 1996
Pages:76

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9 Application of optical ray technique to the design of short microwave horn antennas with low side lobe levels

Ata, O.W.; Benson, T.M.; Marincic, A.;
Microwaves, Antennas and Propagation [see also IEE Proceedings-Microwaves,
Antennas and Propagation], IEE Proceedings H , Volume: 137 , Issue: 2 , April
1990
Pages:81 - 88

[\[Abstract\]](#) [\[PDF Full-Text \(668 KB\)\]](#) [IEE JNL](#)

10 Simple primary focus feeds for deep reflectors

Kishk, A.A.;
Microwaves, Antennas and Propagation [see also IEE Proceedings-Microwaves,
Antennas and Propagation], IEE Proceedings H , Volume: 136 , Issue: 2 , April
1989
Pages:169 - 171

[\[Abstract\]](#) [\[PDF Full-Text \(260 KB\)\]](#) [IEE JNL](#)

11 Microwave sensors for technological processes with sedimentable substances

Sovlupkov, A.S.; Toropainen, A.P.; Vainikainen, P.V.;
Instrumentation and Measurement Technology Conference, 2000. IMTC 2000.
Proceedings of the 17th IEEE , Volume: 2 , 1-4 May 2000
Pages:770 - 773 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(252 KB\)\]](#) [IEEE CNF](#)

12 Sea of leads (SoL) characterization and design for compatibility with board-level optical waveguide interconnection

Bakir, M.S.; Reed, H.A.; Mule, A.V.; Kohl, P.A.; Martin, K.P.; Meindl, J.D.;

Custom Integrated Circuits Conference, 2002. Proceedings of the IEEE 2002 , 12-15 May 2002

Pages:491 - 494

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13 High power amplifier harmonic output level measurement

Perez, R.M.; Hoppe, D.J.; Khan, A.R.;

Microwave Symposium Digest, 1995., IEEE MTT-S International , 16-20 May 1995

Pages:1609 - 1611 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(294 KB\)\]](#) [IEEE CNF](#)

14 Frequency tripler with integrated back-to-back barrier-n-n⁺ (bbBNN) varactor diodes in a novel split-waveguide block at 220 GHz

Choudhury, D.; Raisanen, A.V.; Smith, R.P.; Martin, S.C.; Oswald, J.E.; Dengler, R.J.; Frerking, M.A.; Siegel, P.H.;

Microwave Symposium Digest, 1994., IEEE MTT-S International , 23-27 May 1994

Pages:771 - 774 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(363 KB\)\]](#) [IEEE CNF](#)

15 High-current relativistic klystron amplifier development for microsecond pulse lengths

Fazio, M.V.; Carlsten, B.E.; Faehl, R.; Kwan, T.J.; Rickel, D.G.; Stringfield, R.M.; Tallerico, P.J.;

Particle Accelerator Conference, 1991. 'Accelerator Science and Technology', Conference Record of the 1991 IEEE , 6-9 May 1991

Pages:649 - 651 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(240 KB\)\]](#) [IEEE CNF](#)

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1 Improving the Confidence Level of Microwave Attenuation Measurements

Mukaihata, T.;

Parts, Materials and Packaging, IEEE Transactions on , Volume: 1 , Issue: 1 , Jun 1965

Pages:332 - 342

[\[Abstract\]](#) [\[PDF Full-Text \(960 KB\)\]](#) IEEE JNL

2 The Relation of Teratogenesis in Tenebrio Molitor to the Incidence of Low-Level Microwaves (Short Papers)

Liu, L.M.; Rosenbaum, F.J.; Pickard, W.F.;

Microwave Theory and Techniques, IEEE Transactions on , Volume: 23 , Issue: 11 , Nov 1975

Pages:929 - 931

[\[Abstract\]](#) [\[PDF Full-Text \(328 KB\)\]](#) IEEE JNL

3 Some Results on Low-Level Microwave Treatment of the Mountain Pine Beetle and the Darkling Beetle

Whitney, H.S.; Kharadly, M.M.Z.;

Microwave Theory and Techniques, IEEE Transactions on , Volume: 32 , Issue: 8 , Aug 1984

Pages:798 - 803

[\[Abstract\]](#) [\[PDF Full-Text \(672 KB\)\]](#) IEEE JNL

4 Application of optical ray technique to the design of short microwave horn antennas with low side lobe levels

Ata, O.W.; Benson, T.M.; Marincic, A.;

Microwaves, Antennas and Propagation [see also IEE Proceedings-Microwaves, Antennas and Propagation], IEE Proceedings H , Volume: 137 , Issue: 2 , April 1990

Pages:81 - 88

[\[Abstract\]](#) [\[PDF Full-Text \(668 KB\)\]](#) **IEE JNL**

5 Level analysis and control of electromagnetic radiation from microwave oscillators

Nikitenko, A.N.; Ruzhentsev, I.V.; Zin'kovsky, V.N.;

Precision Electromagnetic Measurements Digest, 1998 Conference on , 6-10 July 1998

Pages:600 - 601

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6 A study into a microwave liquid level gauging system incorporating a surface waveguide as the transmission medium

Bialkowski, M.E.; Stuchly, S.S.;

Singapore ICCS '94. Conference Proceedings. , Volume: 3 , 14-18 Nov. 1994

Pages:939 - 943 vol.3

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7 Anomalies observed in wafer level microwave testing

Miers, T.H.; Cangellaris, A.; Williams, D.; Marks, R.;

Microwave Symposium Digest, 1991., IEEE MTT-S International , 10-14 June 1991

Pages:1121 - 1124 vol.3

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8 Time domain signal analysis method applied to high signal level microwave detector circuit

Wolski, M.R.; Ishii, T.K.;

Circuits and Systems, 1990., Proceedings of the 33rd Midwest Symposium on , 12-14 Aug. 1990

Pages:597 - 600 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(268 KB\)\]](#) **IEEE CNF**

9 Optical ray technique versus finite-difference method in the design of novel microwave horn antennas with low side-lobe level

Ata, O.W.; Benson, T.M.; Marincic, A.;

Antennas and Propagation, 1991. ICAP 91., Seventh International Conference on (IEE) , 15-18 Apr 1991

Pages:113 - 116 vol.1

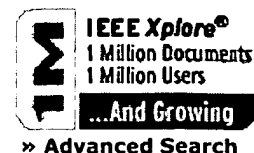
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1 **SOI-CMOS technology with monolithically integrated active and passive RF devices on high resistivity SIMOX substrates**

Hurrich, A.; Hubler, P.; Eggert, D.; Kuck, H.; Barthel, W.; Budde, W.; Raab, M.;
SOI Conference, 1996. Proceedings., 1996 IEEE International , 30 Sept.-3 Oct. 1996

Pages:130 - 131

[\[Abstract\]](#) [\[PDF Full-Text \(140 KB\)\]](#) **IEEE CNF**

2 **A.C. properties of Nb-NbxOy-Pb Josephson tunnel junctions for 2e/H measurements**

Lacquaniti, V.; Marullo, G.; Vaglio, R.;
Magnetics, IEEE Transactions on , Volume: 15 , Issue: 1 , Jan 1979
Pages:593 - 594

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